What is claimed is:

1	A system to refresh a display, the system comprising:			
2	a memory to store at least one image frame such that content of the image frame	is		
3	stored in a plurality of memory pages in the memory; and			
4	a display controller in communication with the memory to access the image fran	1e		
5	and to send the image frame one memory page at a time to the display to refresh the			
6	display.			
1	2. The system of claim 1 further comprises a processor to perform drawing			
2	operations to generate images for the image frame, the processor marking memory page	S		
3	corresponding to regions of the image frame that have been updated.			
1	The system of claim 2, wherein the display controller sends only the			
2	marked memory pages of the image frame to the display.			
1	4. The system of claim 1, wherein the image frame is divided into tiles			
2	representing two-dimensional regions of the image frame, each of the tiles is stored in			
3	one separate memory page.			
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1	5. The system of claim 1, wherein each of the memory pages has a size of			
2	four Kilobytes.			
1	6. The system of claim 1, wherein the image frame is represented by a			
2	configuration where color components of a pixel are deposited in contiguous memory			

locations.

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7. The system of claim 1, wherein the image frame is represented by a

configuration where color components of a pixel are separated and deposited in multiple

3 color planes.

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1 \(\) \(\) \(\) A method to refresh a display, the system comprising:

2 storing at least one image frame such that content of the image frame is stored in a

3 plurality of memory pages in a memory; and

sending the image frame to the display one memory page at a time to refresh the

5 display.

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The method of claim 8 further comprises marking memory pages

2 corresponding to regions of the image frame that have been updated while performing

3 drawing operations.

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10. The method of claim 9, further comprises sending only the marked

2 memory pages of the image frame to the display.

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11. The method of claim 8 further comprising:

dividing the image frame into tiles representing two-dimensional regions of the image frame; and

storing each of the tiles in one separate memory page.

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12. The method of claim 8 further comprises using memory pages of four

2 Kilobytes in size.

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1	1/3. The method of claim 8 further comprises organizing the image frame			
2	using a configuration where color components of a pixel are deposited in contiguous			
3	memory locations.			
1	14. The method of claim 8, further comprises organizing the image frame			
2	using a configuration where color components of a pixel are separated and deposited in			
3	multiple color planes.			
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1	15. A program embodied on a system-readable medium to refresh a display,			
2	comprising:			
3	a first sub-program to control storing at least one image frame in a memory such			
4	that content of the image frame is stored in a plurality of memory pages in the memory;			
5	and			
6	a second sub-program to access the image frame and to send the image frame one			
7	memory page at a time to the display to refresh the display.			
1	16. The program of claim 15, further comprising a third sub-program to mark			
2	memory pages corresponding to regions of the image frame that have been updated while			
3	performing drawing operations.			
1	17. The program of claim 16 further comprising a fourth sub-program to send			
2	only the marked memory pages of the image frame to the display.			
1 .	18. The program of claim 15 further comprising:			

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regions of the image frame and to store each tile in a separate memory page.

a third sub-program to divide the image frame into tiles representing

1	19.	The program of claim 15 further comprising:	
2	a third	I sub-program to organize the image frame using a configuration where	
3	color components of a pixel are deposited in contiguous memory locations.		
1	20.	The program of claim 15 further comprising:	
2		a third sub-program to organize the image frame using a configuration	
3	where color c	omponents of a pixel are separated and deposited in multiple color planes	